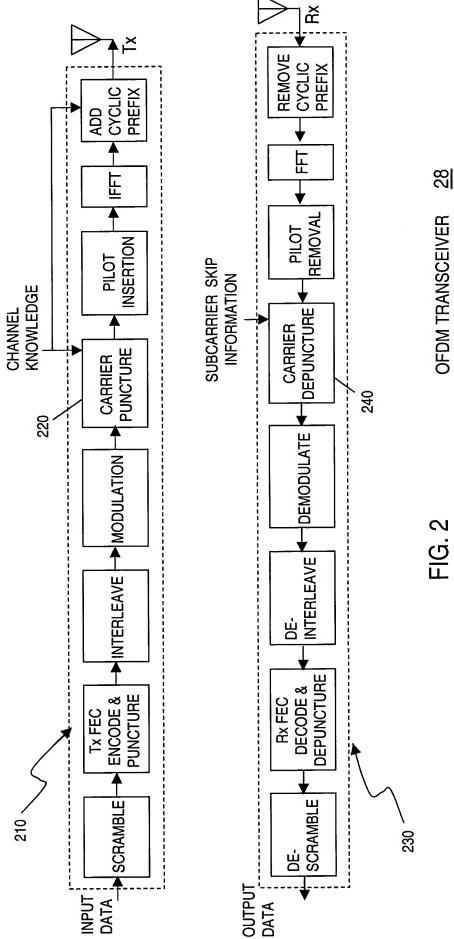
Blakely, Sokoloff, Taylor & Zafman LLP
Title: SUBCARRIER PUNCTURING IN COMMUNICATION SYSTEMS
1st Named Inventor: Valentine J. Rhodes
Express Mail No.: EV325526515US
Sheet: 1 of 4

APPLICATIONS 22 **PROCESSOR** MEMORY DEVICE DATA & SIGNALS 24 잉 **PROCESSOR BASEBAND** TRANSCEIVER 28 OFDM ADC ADC DAC 180 0 - 12 RECEIVER I & **TRANSMITTER** FILTER FREQUENCY FREQUENCY FILTER MIXER MIXER <u></u> PHASE SHIFTER PHASE SHIFTER PHASE SHIFTER PHASE SHIFTER PA PA AMP AMP 1st ANTENNA 2nd ANTENNA 16 7

P16727 Rhodes

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Express Mail No.: EV325526515US
Sheet: 2 of 4





P16727 Rhodes

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Title: SUBCARRIER PUNCTURING IN COMMUNICATION SYSTEMS
1st Named Inventor: Valentine J. Rhodes
Express Mail No.: EV325526515US
Sheet: 3 of 4

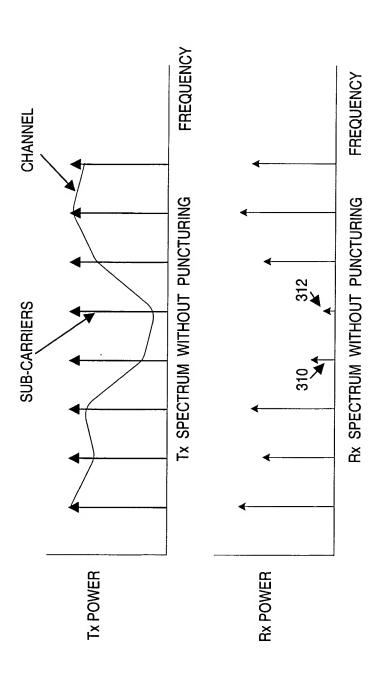
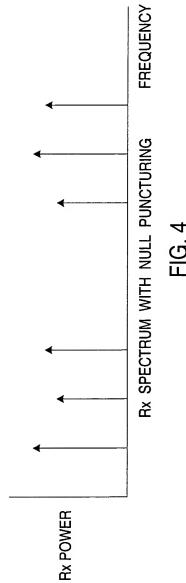


FIG. 3

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FREQUENCY CHANNEL Tx SPECTRUM WITH NULL PUNCTURING SUB-CARRIERS 4) Tx POWER



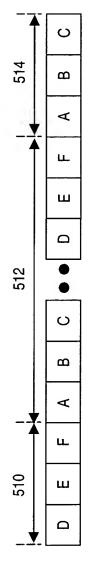


FIG. 5